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7217/64554

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazuhiko MAEJIMA et al.

Serial No.: 09/855,786

Filed: May 15, 2001

For: TUNER APPARATUS

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I hereby certify that this paper is being deposited this date with the U.S. Postal Service in first class mail addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Jay H. Maioli  
Reg. No. 27,213Date  
10.04.01

October 4, 2001  
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As a means of complying with the duty of disclosure set forth in 37 CFR § 1.56 and in keeping with the guidelines of 37 CFR § 1.98, Applicants hereby submit information thought to be relevant to the examination of the above-identified application. Also submitted herewith is a completed form PTO-1449.

This information came to light during the examination of a counterpart application in the European Patent Office in an Office Action dated September 10, 2001. Accordingly, the undersigned hereby certifies that the information submitted herewith is being submitted within three months from the date

of that Office Action.

To the best of the undersigned's knowledge, no Office Action has yet been received in the above-identified application.

Applicants, through their undersigned attorney, hereby certify that, unless submitted herewith, no English language translation is presently available to those individuals identified in 37 CFR § 1.56(c) for any non-English language references cited in the European Patent Office Action.

A copy of the Search Report from the European Patent Office showing the relevance of the attached references is also submitted herewith.

U.S. Patent No. 5,010,400 (Oto) apparently relates to a television tuner for use in a television receiver to receive a VHF band signal, a UHF band signal, and a satellite band signal converted from a received satellite signal, all of which are provided as a combined signal by a signal combiner.

U.K. Patent No. 2 325 804 A (Park) apparently relates to a satellite TV receiver adapted to receive either a satellite TV band or a CATV band by selecting a second or third local oscillator frequency.

European Patent Office Patent No. 0 408 066 A2 (Kubo et al.) apparently relates to a television tuner which is capable of receiving general television broadcasting, CATV, and satellite broadcasting.

European Patent Office Patent No. 0 401 932 A1 (Verheijen et al.) apparently relates to a receiver for terrestrial AM

and satellite FM-HF-TV signals in first and second frequency ranges, respectively, of mutually substantially equal dimensions, which succeed each other in frequency.

European Patent Office Patent No. 0 276 144 A2 (Sakashita et al.) apparently relates to a signal receiver which is capable of receiving and demodulating a satellite broadcasting signal which is an FM signal and a terrestrial broadcasting signal which is an AM signal.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if a fee is required for this submission, the Commissioner is authorized to charge the requisite fee to our Deposit Account No. 03-3125.

Respectfully submitted,  
COOPER & DUNHAM LLP



Jay H. Maioli  
Reg. No. 27, 213

JHM/AVF  
Encl.

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office						Atty. Docket No. 7217/64554	Serial No. 09/855,786
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)								Applicant Kazuhiko MAEJIMA et al.	
								Filing Date 15 MAY 2001	Group

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number						Date	Name	Class	Subclass	Filing Date if Appropriate	
	AA	5	0	1	0	4	0	0	23 APR 91	Oto	358	86	<i>RECEIVED OCT 17 2001 Technology Center 2600</i>
	AB												
	AC												
	AD												

### FOREIGN PATENT DOCUMENTS

		Document Number						Date	Country	Class	Subclass	Translation	
												Yes	
	AE	2	7	6	1	4	4	A2	27 JUL 88	European Pat. Off.	H03D	5/00	X
	AF	4	0	8	0	6	6	A2	16 JAN 91	European Pat. Off.	H04N	5/50	X
	AG	4	0	1	9	3	2	A1	12 DEC 90	European Pat. Off.	H03J	5/24	X
	AH	2	3	2	5	8	0	4	2 DEC 98	United Kingdom	H04N	5/44	X
	AI	3	2	2	6	9	8	0	19 JAN 84	Germany	H04B	1/18	

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	
	AK	
	AL	
	AM	
	AN	
	AO	

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this from with next communication to applicant.